

COPY

<110> Bandman, Olga
 Goli, Surya K.
 Lal, Preeti G.
 Corley, Neil C.
 Zhang, Hong

<120> NEW PROTEIN PHOSPHATASE

<130> PF-0319-1 DIV

<140> To Be Assigned
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<160> 4

<170> PERL Program

<210> 1

<211> 479

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 013177CD1

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					20				25					30
Gly	Trp	Arg	Val	Glu	Met	Glu	Asp	Ala	His	Thr	Ala	Val	Val	Gly
				35					40					45
Ile	Pro	His	Gly	Leu	Glu	Asp	Trp	Ser	Phe	Phe	Ala	Val	Tyr	Asp
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Gly	His	Ala	Gly	Ser	Arg	Val	Ala	Asn	Tyr	Cys	Ser	Thr	His	Leu
				65					70					75
Leu	Glu	His	Ile	Thr	Thr	Asn	Glu	Asp	Phe	Arg	Ala	Ala	Gly	Lys
				80					85					90
Ser	Gly	Ser	Ala	Leu	Glu	Leu	Ser	Val	Glu	Asn	Val	Lys	Asn	Gly
				95					100					105
Ile	Arg	Thr	Gly	Phe	Leu	Lys	Ile	Asp	Glu	Tyr	Met	Arg	Asn	Phe
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Ser	Asp	Leu	Arg	Asn	Gly	Met	Asp	Arg	Ser	Gly	Ser	Thr	Ala	Val
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Gly	Val	Met	Ile	Ser	Pro	Lys	His	Ile	Tyr	Phe	Ile	Asn	Cys	Gly
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Asp	Ser	Arg	Ala	Val	Leu	Tyr	Arg	Asn	Gly	Gln	Val	Cys	Phe	Ser
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Thr	Gln	Asp	His	Lys	Pro	Cys	Asn	Pro	Arg	Glu	Lys	Glu	Arg	Ile
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Gln	Asn	Ala	Gly	Gly	Ser	Val	Met	Ile	Gln	Arg	Val	Asn	Gly	Ser
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Leu	Ala	Val	Ser	Arg	Ala	Leu	Gly	Asp	Tyr	Asp	Tyr	Lys	Cys	Val
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Asp	Gly	Lys	Gly	Pro	Thr	Glu	Gln	Leu	Val	Ser	Pro	Glu	Pro	Glu
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Val	Tyr	Glu	Ile	Leu	Arg	Ala	Glu	Glu	Asp	Glu	Phe	Ile	Ile	Leu
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Ala	Cys	Asp	Gly	Ile	Trp	Asp	Val	Met	Ser	Asn	Glu	Glu	Leu	Cys
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Glu	Tyr	Val	Lys	Ser	Arg	Leu	Glu	Val	Ser	Asp	Asp	Leu	Glu	Asn
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Val	Cys	Asn	Trp	Val	Val	Asp	Thr	Cys	Leu	His	Lys	Gly	Ser	Arg
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Asp	Asn	Met	Ser	Ile	Val	Leu	Val	Cys	Phe	Ser	Asn	Ala	Pro	Lys

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Val	Ser	Asp	Glu	Ala	Val	Lys	Lys	Asp	Ser	Glu	Leu	Asp	Lys	His
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Leu	Glu	Ser	Arg	Val	Glu	Glu	Ile	Met	Glu	Lys	Ser	Gly	Glu	Glu
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Gly	Met	Pro	Asp	Leu	Ala	His	Val	Met	Arg	Ile	Leu	Ser	Ala	Glu
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Asn	Ile	Pro	Asn	Leu	Pro	Pro	Gly	Gly	Gly	Leu	Ala	Gly	Lys	Arg
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Asn	Val	Ile	Glu	Ala	Val	Tyr	Ser	Arg	Leu	Asn	Pro	His	Arg	Glu
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Ser	Asp	Gly	Ala	Ser	Asp	Glu	Ala	Glu	Glu	Ser	Gly	Ser	Gln	Gly
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Lys	Leu	Val	Glu	Ala	Leu	Arg	Gln	Met	Arg	Ile	Asn	His	Arg	Gly
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Asn	Tyr	Arg	Gln	Leu	Leu	Glu	Glu	Met	Leu	Thr	Ser	Tyr	Arg	Leu
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Ala	Lys	Val	Glu	Gly	Glu	Glu	Ser	Pro	Ala	Glu	Pro	Ala	Ala	Thr
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Ala	Thr	Ser	Ser	Asn	Ser	Asp	Ala	Gly	Asn	Pro	Val	Thr	Met	Gln
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Glu	Ser	His	Thr	Glu	Ser	Glu	Ser	Gly	Leu	Ala	Glu	Leu	Asp	Ser
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<212> DNA
<213> Homo sapien
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<223> Incyte ID No: 013177CB1

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<220>
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 <223> ID No: g247927

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 35 40 45
 Ile Pro His Gly Leu Glu Asp Trp Ser Phe Phe Ala Val Tyr Asp
 50 55 60
 Gly His Ala Gly Ser Arg Val Ala Asn Tyr Cys Ser Thr His Leu
 65 70 75
 Leu Glu His Ile Thr Thr Asn Glu Asp Phe Arg Ala Ala Asp Lys
 80 85 90
 Ser Gly Phe Ala Leu Glu Pro Ser Val Glu Asn Val Lys Thr Gly
 95 100 105
 Ile Arg Thr Gly Phe Leu Lys Ile Asp Glu Tyr Met Arg Asn Phe
 110 115 120
 Ser Asp Leu Arg Asn Gly Met Asp Arg Ser Gly Ser Thr Ala Val
 125 130 135
 Gly Val Met Ile Ser Pro Thr His Ile Tyr Phe Ile Asn Cys Gly
 140 145 150
 Asp Ser Arg Ala Val Leu Cys Arg Asn Gly Gln Val Cys Phe Ser
 155 160 165
 Thr Gln Asp His Lys Pro Cys Asn Pro Met Glu Lys Glu Arg Ile
 170 175 180
 Gln Asn Ala Gly Gly Ser Val Met Ile Gln Arg Val Asn Gly Ser
 185 190 195
 Leu Ala Val Ser Arg Ala Leu Gly Asp Tyr Asp Tyr Lys Cys Val
 200 205 210
 Asp Gly Lys Gly Pro Thr Glu Gln Leu Val Ser Pro Glu Pro Glu
 215 220 225
 Val Tyr Glu Ile Leu Arg Ala Glu Glu Asp Glu Phe Val Val Leu
 230 235 240
 Ala Cys Asp Gly Ile Trp Asp Val Met Ser Asn Glu Glu Leu Cys
 245 250 255
 Glu Phe Val Asn Ser Arg Leu Glu Val Ser Asp Asp Leu Glu Asn
 260 265 270
 Val Cys Asn Trp Val Val Asp Thr Cys Leu His Lys Gly Ser Arg
 275 280 285
 Asp Asn Met Ser Ile Val Leu Val Cys Phe Ala Asn Ala Pro Lys
 290 295 300
 Val Ser Asp Glu Ala Val Lys Arg Asp Leu Glu Leu Asp Lys His
 305 310 315
 Leu Glu Ser Arg Val Glu Glu Ile Met Gln Lys Ser Gly Glu Glu
 320 325 330
 Gly Met Pro Asp Leu Ala His Val Met Arg Ile Leu Ser Ala Glu

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	350		355		360
Asn Val Ile Glu Ala Val Tyr Ser Arg		Leu	Asn Pro Asn Lys		Asp
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 35 40 45
 Ile Pro His Gly Leu Asp Asn Trp Ser Phe Phe Ala Val Tyr Asp
 50 55 60
 Gly His Ala Gly Ser Arg Val Ala Asn Tyr Cys Ser Thr His Leu
 65 70 75
 Leu Glu His Ile Thr Thr Asn Glu Asp Phe Arg Ala Ala Asp Lys
 80 85 90
 Ser Gly Ser Ala Leu Glu Pro Ser Val Glu Ser Val Lys Thr Gly
 95 100 105
 Ile Arg Thr Gly Phe Leu Lys Ile Asp Glu Tyr Met Arg Asn Phe
 110 115 120
 Ser Asp Leu Arg Asn Gly Met Asp Arg Ser Gly Ser Thr Ala Val
 125 130 135
 Gly Val Met Val Ser Pro Thr His Met Tyr Phe Ile Asn Cys Gly
 140 145 150
 Asp Ser Arg Ala Val Leu Cys Arg Asn Gly Gln Val Cys Phe Ser
 155 160 165
 Thr Gln Asp His Lys Pro Cys Asn Pro Val Glu Lys Glu Arg Ile
 170 175 180
 Gln Asn Ala Gly Gly Ser Val Met Ile Gln Arg Val Asn Gly Ser
 185 190 195
 Leu Ala Val Ser Arg Ala Leu Gly Asp Tyr Asp Tyr Lys Cys Val
 200 205 210
 Asp Gly Lys Gly Pro Thr Glu Gln Leu Val Ser Pro Glu Pro Glu
 215 220 225
 Val Tyr Glu Ile Val Arg Ala Glu Glu Asp Glu Phe Val Val Leu
 230 235 240
 Ile Cys Asp Gly Ile Trp Asp Val Met Ser Asn Glu Glu Leu Cys
 245 250 255
 Ile Phe Val Lys Ser Arg Leu Glu Val Ser Asp Asp Leu Glu Asn
 260 265 270
 Val Cys Asn Trp Val Val Asp Thr Cys Leu His Lys Gly Ser Arg
 275 280 285
 Asp Asn Met Ser Val Val Leu Val Cys Phe Ser Asn Ala Pro Lys
 290 295 300
 Val Ser Glu Glu Ala Val Lys Arg Asp Ser Glu Leu Asp Lys His
 305 310 315
 Leu Glu Ser Arg Val Glu Glu Ile Met Gln Lys Ser Gly Glu Glu
 320 325 330
 Ile Met Pro Asp Leu Ala His Val Met Arg Ile Leu Ser Ala Glu
 335 340 345

Asn Ile Pro Asn Leu Pro Pro Gly Gly Gly Leu Ala Gly Lys Arg
350 355 360
His Val Ile Glu Ala Val Tyr Ser Arg Leu Asn Pro His Lys Asp
365 370 375
Asn Asp Gly Gly Ala Gly Asp Leu Glu Asp Ser Leu Val Ala Leu
380 385 390

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